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[Power conscious fixed **priority** scheduling for hard real-time systems- *ufsc.br \[PDF\]](#)

Y Shin, K Choi - Design Automation Conference, 1999 - doi.ieeecomputersociety.org

... head to the run queue; L7: end do L8: if run queue.head.**priority** active **task.priority**

then L9: set the active **task.executed time**; L10: context **switch**; L11: end ...

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[Flexible assembly systems: an approach for **near** real-time scheduling and routing of ...](#)

M Donath, RJ Graves - International Journal of Production Research, 1988 - informaworld.com

... schedule cannot be met, then either **switch** to mode 2 ... be no more than one unexecuted

task waiting at ... the procedure which averages performance **times** might affect ...

[Cited by 7](#) - [Related articles](#) - [All 3 versions](#)

[... using available computer resources for **task** execution during idle-time for future **task** ...](#)

E Horvitz - US Patent 5,784,616, 1998 - Google Patents

... Press), thread, the computer, through context **switching**, begins While ... to a task<

whether based on user processing **time**. ... In that a **task** that previously was of ...

[Cited by 10](#) - [Related articles](#) - [All 2 versions](#)

[Deterministic preemptive scheduling of real-time tasks](#)

LE Jackson, GN Rouskas - Computer, 2002 - ieeexplore.ieee.org

... dead- line D_i at each router or **switch** in the ... the slack **time** becomes negative, and

the **task** is sure ... The infinite **time** slicing algo- rithm 1 is fundamentally ...

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[... for **task** execution during idle-time based on probabilistic assessment of future **task** ...](#)

E Horvitz - US Patent 6,009,452, 1999 - Google Patents

... While the incor- poration of context **switching** increases the ... availability with the

task resuming once the **time**. ... In that regard, a **task** that previously was of ...

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[\[PDF\] *Timing analysis for fixed-**priority** scheduling of hard real-time systems](#)

MG Harbour, MH Klein, JP Lehoczy - IEEE Transactions on Software Engineering, 1994 - ctr.unican.es

... the **priority** of subtask τ'_{ij} 4 This assumption can be relaxed by introducing

the context **switch times** into the execution **times** of each **task**, using a ...

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[\[PDF\] *Using a worst-case execution **time** tool for real-time verification of the debie software](#)

N Holsti, T Langbacka, S Saarinen - EUROPEAN SPACE AGENCY-PUBLICATIONS-ESA ..., 2000 - tidorum.fi

... interrupt handler and a lower-**priority task**, because the ... gives "average" **times**, not

worst-case **times**. ... services because they invoke **task switching**, which is ...

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[Energy-aware adaptive checkpointing in embedded real-time systems- *psu.edu \(PDF\)](#)

Y Zhang, K Chakrabarty - Proceedings of the conference on Design, Automation ..., 2003 - portal.acm.org

... In this section, we present a **classification** of checkpointing ... The second **priority** is to save energy consumption for ... parameters for a real-time **task**: deadline D ...

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[Task allocation time decision apparatus and method of deciding task allocation time](#)

K Hayashi - US Patent App. 10/144,747, 2002 - Google Patents

... Filed: May 15, 2002 (30) Foreign Application **Priority** Data May ... S82 S83 Subtract value doubling value **switching time** computed by obtained at **task** input from ...

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[A survey on Real-Time Operating Systems](#)

S Baskiyar - Proceedings on Networks, Parallel and Distributed ..., 2002 - actapress.com

... 256 **priority** levels, multitasking, deterministic context **switching** and preemptive ... set up so that each **task** has a ... Windows NT provides fast response **times**, it is ...

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